

Figure 1

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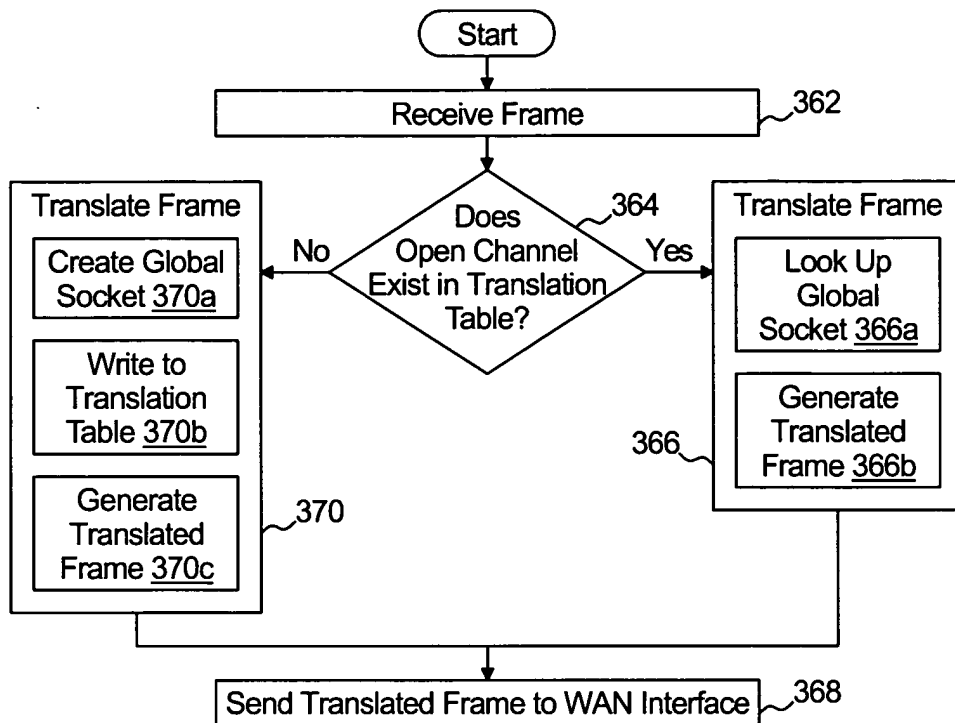


Figure 2a

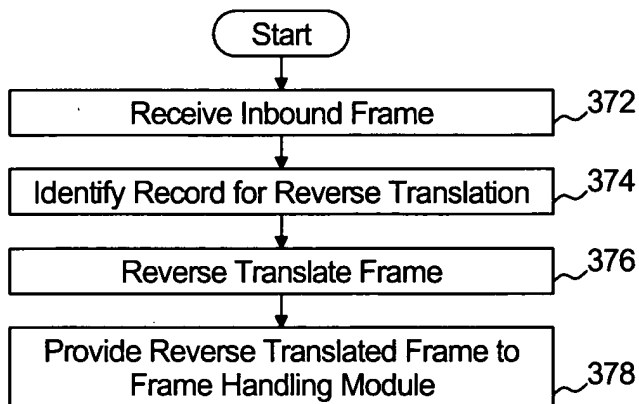


Figure 2b

UDP Translation Table <u>40a</u>					
Index Record <u>340</u>	Local Socket Information <u>342</u>		Global Socket Information <u>344</u>		Time Out <u>362</u>
	Source IP Address <u>346</u>	Source Port <u>348</u>	Gateway IP Address <u>354</u>	Port <u>356</u>	
1	<u>114</u>	<u>136</u>	<u>156</u>	<u>166</u>	
2	<u>114</u>	<u>112</u>	<u>156</u>	<u>158</u>	
3	<u>114</u>	<u>126</u>	<u>156</u>	<u>164</u>	
4					
5					

Figure 3

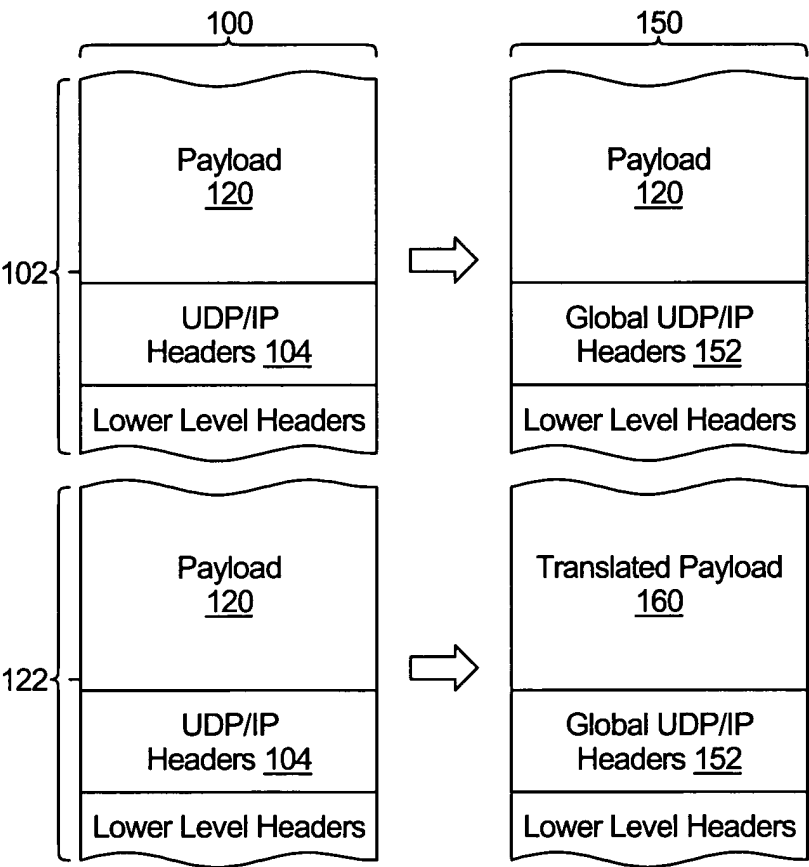


Figure 4

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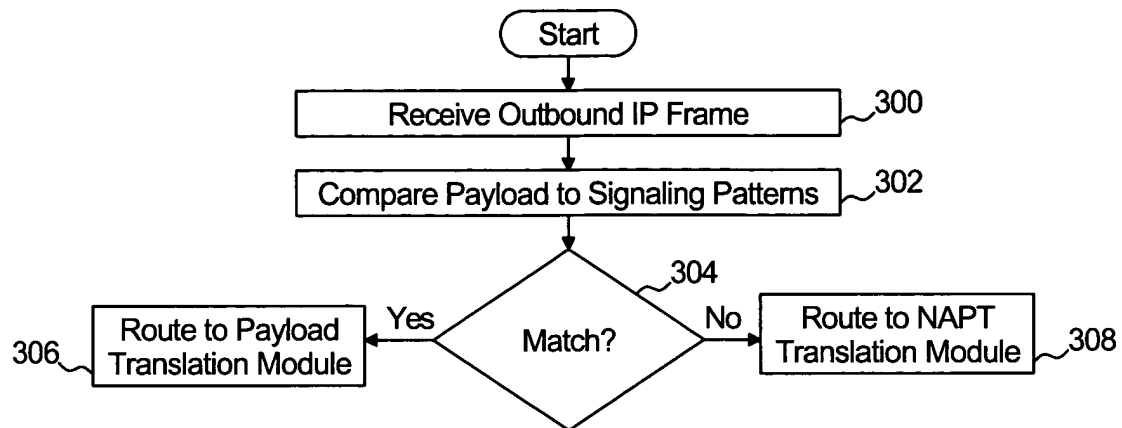


Figure 5

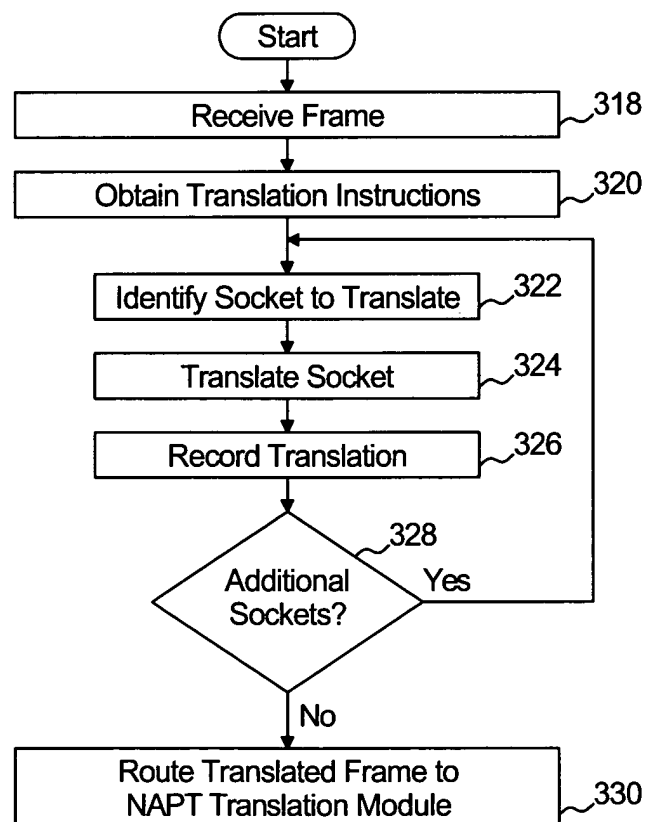


Figure 7

Payload Translation Database 34			
Protocol 310	Message 312	Signaling Frame Patterns 314	Instructions 315
SIP	Invite	ASCII Invite Headers	Translate Signaling Contact Socket <u>124</u> , VIA Socket <u>133</u> , Media Session Socket <u>127</u>
	OK Response	ASCII OK Response Headers	Translate SDP Socket
	Register	ASCII Register Headers	Translate Signaling Contact Socket <u>124</u>
	Other SIP	ASCII Applicable Headers	Translate . . .
MGCH	Message 1	Pattern Message 1	
	Message 2	Pattern Message 2	
	Message 3	Pattern Message 3	
H.323	Message 1		
	Message 2		
	Message 3		
Other Protocols	Message 1		
	Message 2		
	Message 3		

Figure 6

100

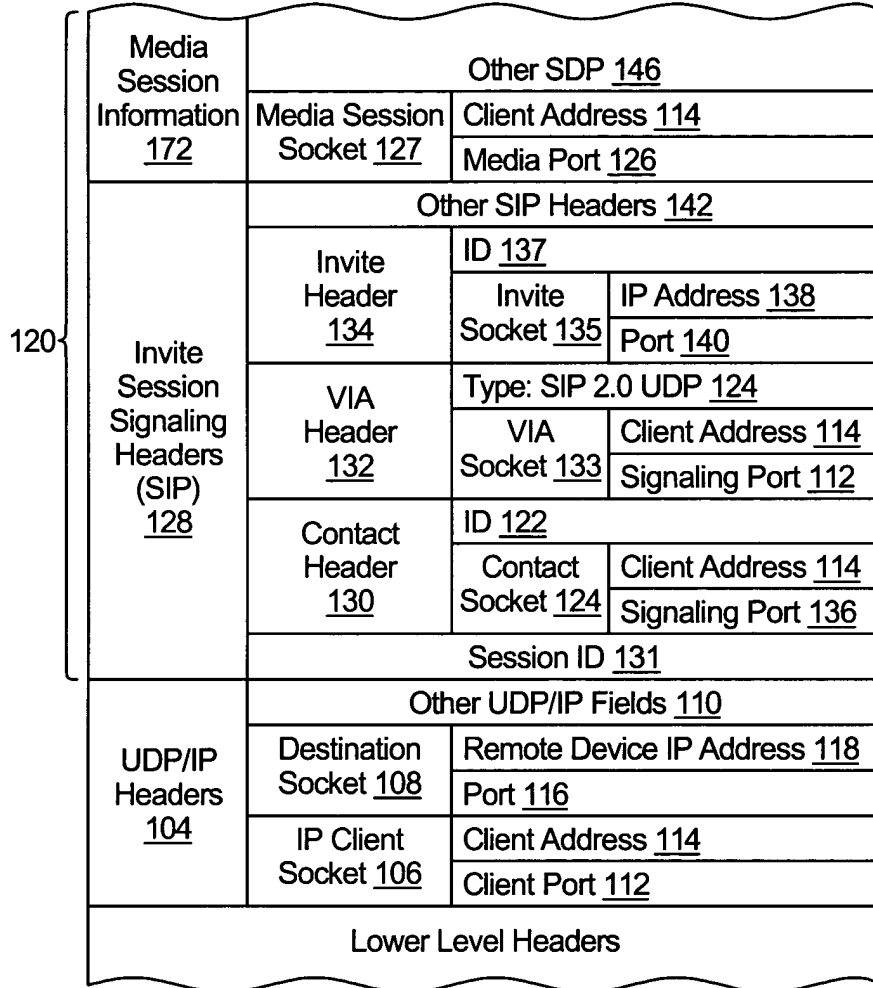


Figure 8a

150 ↙

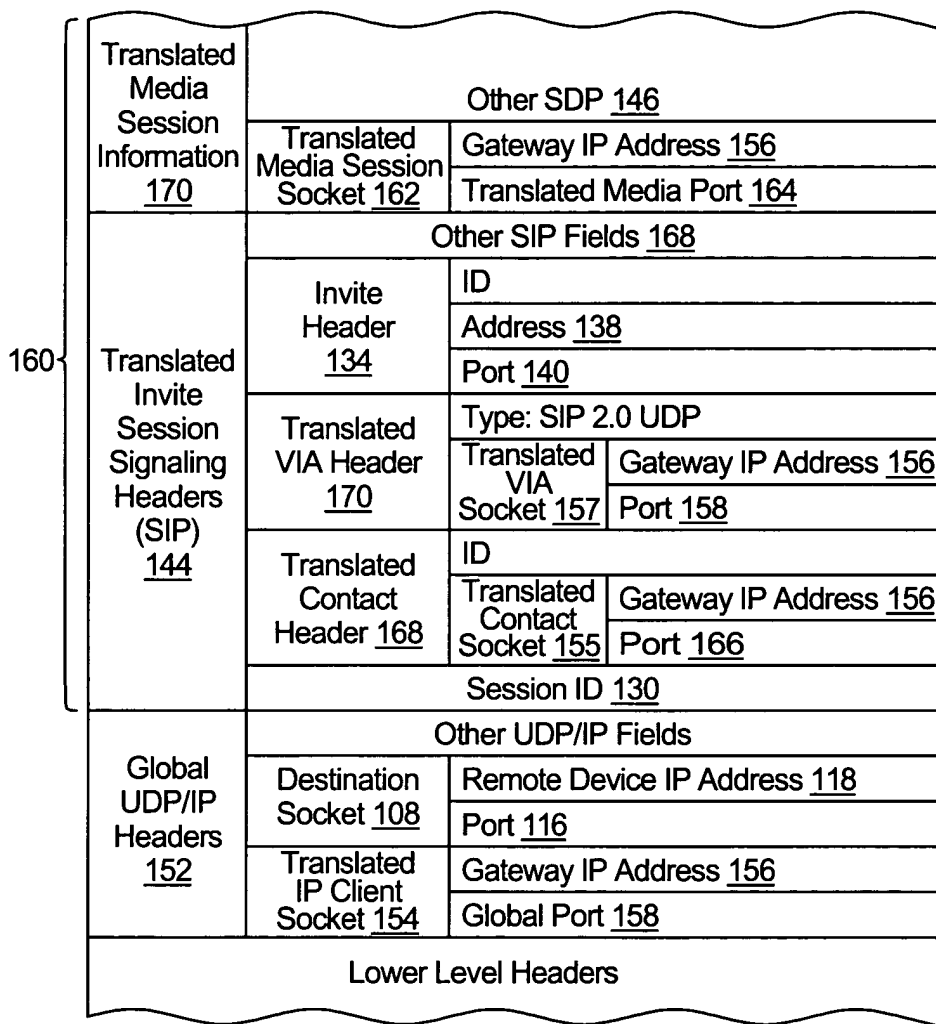


Figure 8b

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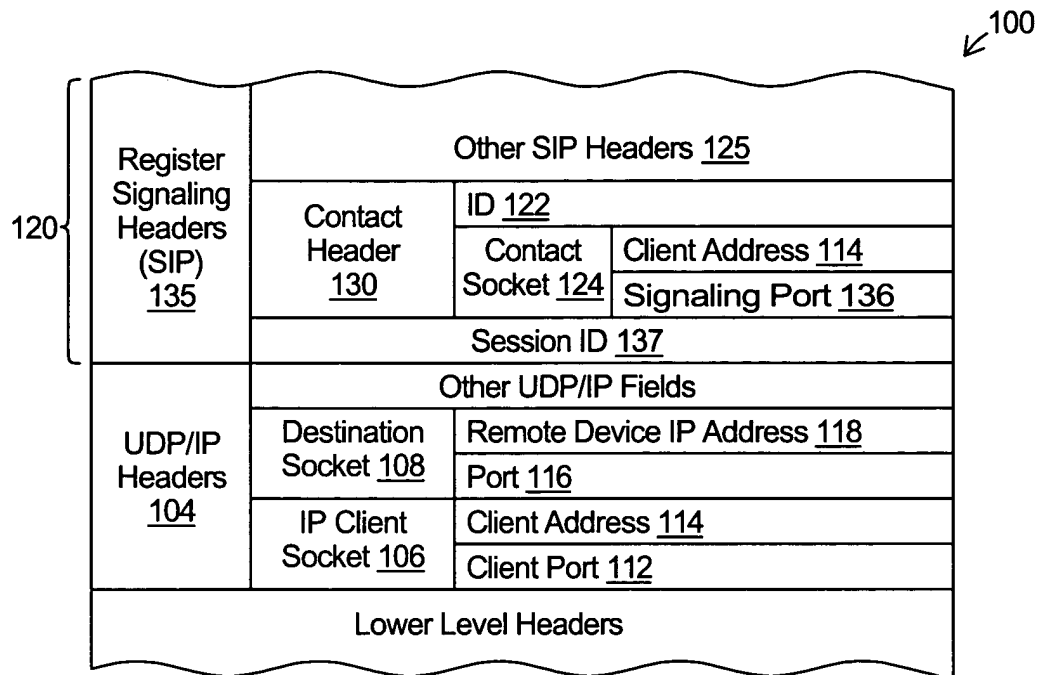


Figure 9a

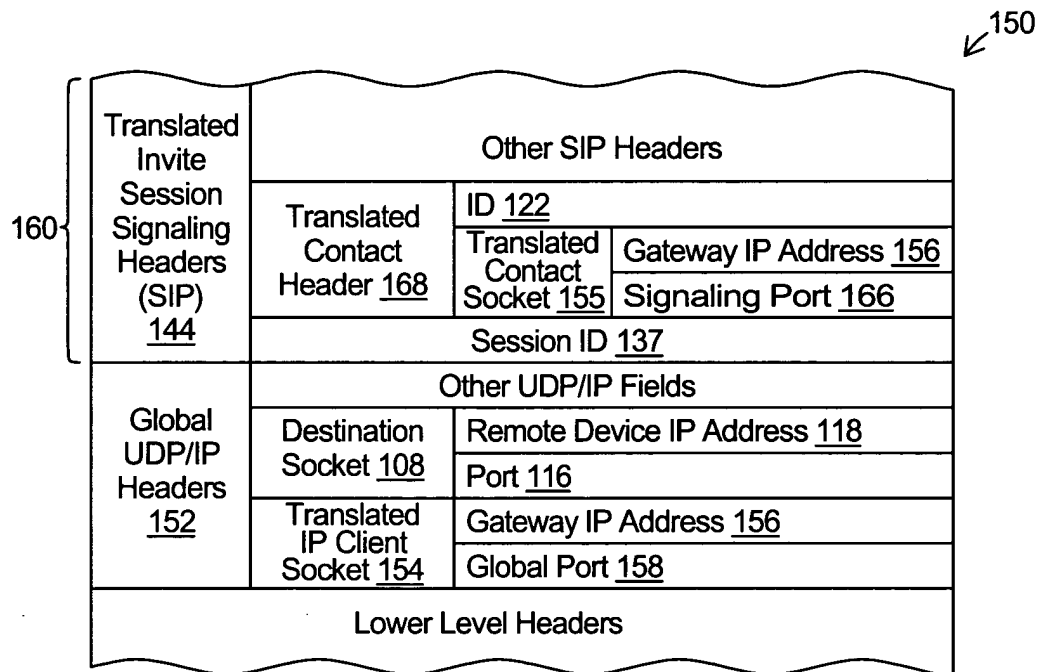


Figure 9b

100 ↙

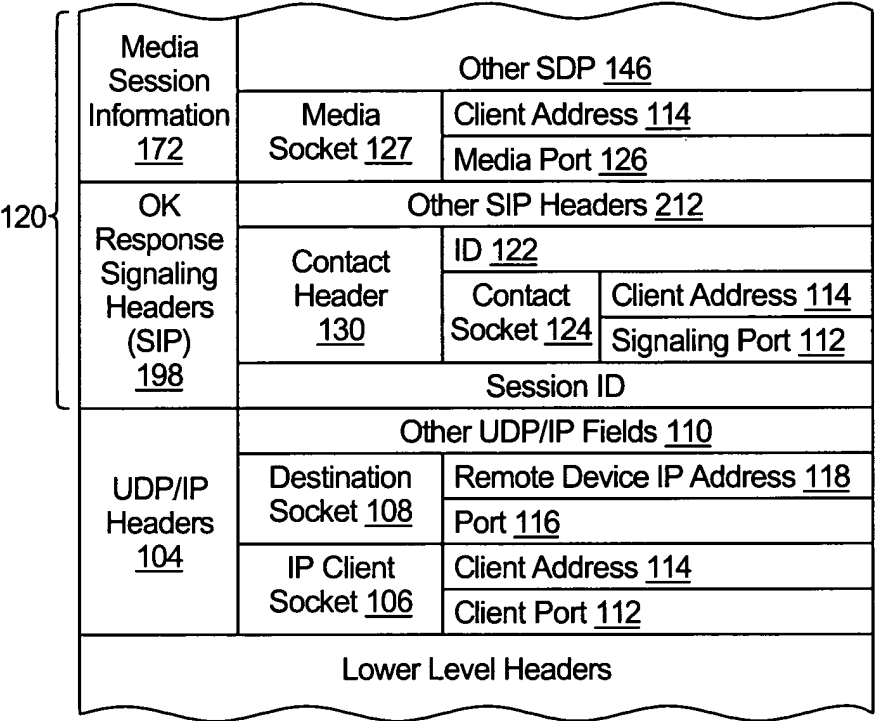


Figure 10a

150 ↙

160	Translated Media Session Information <u>172</u>	Other SDP <u>146</u>			
		Translated Media Socket <u>162</u>	Gateway IP Address <u>156</u>		
			Media Port <u>164</u>		
	Translated OK Response Headers (SIP) <u>199</u>	Other SIP Fields <u>168</u>			
		Translated Contact Header <u>168</u>	ID	Gateway IP Address <u>156</u>	
			Translated Contact Socket <u>155</u>	Port <u>166</u>	
				Session ID	
		Translated UDP/IP Headers <u>152</u>	Other UDP/IP Fields <u>110</u>		
	Destination Socket <u>108</u>		Remote Device IP Address <u>188</u>		
			Port <u>116</u>		
	Translated IP Client Socket <u>154</u>		Gateway IP Address <u>156</u>		
			Global Port <u>158</u>		
	Lower Level Headers				

Figure 10b